

Lawrence Monsalud
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pm log
rcr
barrier stripe plan
cell phone

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cc: Katy Walton/D09/Caltrans/CAGov@DOT, Matthew Goike/D09/Caltrans/CAGov@DOT, Brad Mettam/D09/Caltrans/CAGov@DOT
Subject: Risk Analysis of SRs 127 & 178

SRs 127 & 178 are being considered as possible Low - level Radioactive Waste (LLW) shipment routes to Nevada Test Site (NTS). The Planning Division is in the process of gathering information about SR 127 (PM 0.000 to 49.420) and SR 178 (PM 42.920 to 62.186) for risk analysis. We will provide the risk analysis to Western Governors Association (WGA) meeting in the first week of October. The following factors and information are needed for evaluation:

A. Roadway Conditions:

1. Highway Capacity rating *RCR ; calc new LOS*
- 2. Number of travel lanes *High Photo Log; P.M. Log, verify in field*
- 3. Width of travel lanes *"*
- 4. Width of emergency parking lanes *turn-off? verify in field*
- ~~178/170?~~ 5. Left and right turn lanes *ask traffic for striping plans & verify in field barrier stripe only glen blansett*
- 6. Divided highway segments, with and without medians *P.M. Log; Hwy Photo & field*
- ~~maind. W~~ 7. General pavement conditions - *ask LAB FOR LATEST PAVEMENT MGMT SURVEY john fox*
8. Weight and size restrictions which would affect a legal truck (US DOT standards) *ask RALPH CONES*
- 9. Steep grades and sharp curves *AS BULLTS - ask PROJ. DEV ; verify in field*
- 10. *width of shoulders (paved)* *speed limits*

B. Traffic and Safety Conditions

1. Latest traffic counts by vehicle classifications *RCR, O+D, ask GLEN BLANSETT*
2. Accident statistics for the past three years, noting types of accidents *MINIMUMS TO DELINZNER REQUEST*
- ~~178~~ 3. Seasonal weather conditions and months these are likely to affect commercial truck operations, i.e. flash floods, snow and ice. *ask MTCE DISPATCH (THRU JAY SHART) ALSO CALL JEFF FREDRICKSON MTCE SUP*
- 4. Proposed construction activities (State/regional TIP) which would result in lane closures. *check SHOPP & STIP, (STATUS) ALSO, MTCE FOR MAJOR MTCE SCH.*

C. Special Operating Conditions

1. State restriction of a route for use for hazardous material shipments. *RANDY WRIGHT; CIP*
2. Time of day or week restrictions on hazardous material shipments. *" "*
3. Dates or special events which would cause significant traffic congestion problems. *ask RALPH (PERMITS) CHAMBER OF COMMERCE*
4. Tourist and special commuter conditions. *MAJOR GATEWAY TO D.V. get info from DVNP - VISITOR SURVEYS CHAMBER*

D. Vehicle Operating Considerations

- 1. Driver services, i.e. fuel, food, repair and rest facilities *COUNTY*
- 2. Communications dead spots (satellites and FM radio) *ask JEFF FRED... & RADIO GUY*

3. Emergency response and recovery services. *RANDY WILL GET IT*

E. Other Factors

- 1. Residential development within a half mile of the roadway *COUNTY (DENSITY) DOF (CENSUS)*
- 2. Schools, hospitals, convention and large meeting facilities *COUNTY*
- 3. Other factors affecting the normal operation of a combination commercial vehicle (legal weight factor - trailer combination). *MENTION DIPS @ CROSSING AMARGOSA RIVER BED; FT. IRWIN EXPANSION PLANS, 5-6 BRIDGES (V/I F OK FOR STANDARD/LEGAL LOAD) D-8 INVOLVED BY ARMY; LACK OF SERVICE*

Your input / comment on the above list of factors and information is greatly appreciated. You also can provide additional information which may help us in the assessment of SRs 127 & 178. Please submit your input / comment by **August 16, 1999**. You can call me (ext-644) or Matthew Goike (ext-786) if you have any question.